

ABSTRACT OF THE DISCLOSURE

Machine and process for producing a fibrous material web. The machine includes at least one shoe press having at least one drying cylinder and a shoe press unit which are arranged to form a pressing nip elongated in a web travel direction. At least one suctioned apparatus is arranged before the at least one shoe press relative to the web travel direction, and a water-permeable continuous carrying belt is arranged to guide the fibrous material web over the at least one suctioned apparatus and through the elongated pressing nip. A hood subjected to an overpressure is assigned to the suctioned apparatus and is arranged to support an underpressure effect of the at least one suctioned apparatus. The process includes guiding the fibrous material web and the carrying belt through the elongated pressing nip, and supporting an underpressure effect of the suctioned apparatus by creating an overpressure in the hood.